Coronado / Hamden One Way Pairs   Updated 7/1/16

Based on mid-week PM peak traffic volumes 1/20/2016

INTERSECTION	EXISTING CONFIGURATION		ONE WAY PAIRS	
	CAPACITY UTILIZATION (v/c)	AVERAGE DELAY (sec/vehicle)	CAPACITY UTILIZATION (v/c)	AVERAGE DELAY (sec/vehicle)
Coronado Dr @ 1st St	40.4%	1.2	30.4%	0.0
Coronado Dr @ 2nd St	31.8%	1.1	23.0%	0.0
Coronado Dr @ 3rd St	38.5%	0.6	29.1%	1.2
Coronado Dr @ Brightwater	54.8%	0.7	18.7%	1.7
Coronado Dr @ 5th St	47.8%	2.1	29.3%	2.5
Hamden Dr @ Devon	20.0%	2.0	25.6%	0.0
Hamden Dr @ 3rd St	22.1%	1.7	29.1%	0.9
Hamden Dr@ Brightwater	23.9%	4.8	29.2%	1.8
Hamden Dr@ 5th St	21.2%	2.4	22.6%	1.8
Bayside Dr @ Hamden Dr	18.1%	2.5	21.8%	0.5
Coronado Dr @ Hamden Dr	44.2%	0.0	30.1%	0.0
OVERALL NETWORK	33.0%	19.1	26.3%	10.4
	Average v/c	Total Av. Delay (sec/vehicle)	Average v/c	Total Av. Delay (sec/vehicle)

Spring break simulation existing volumes

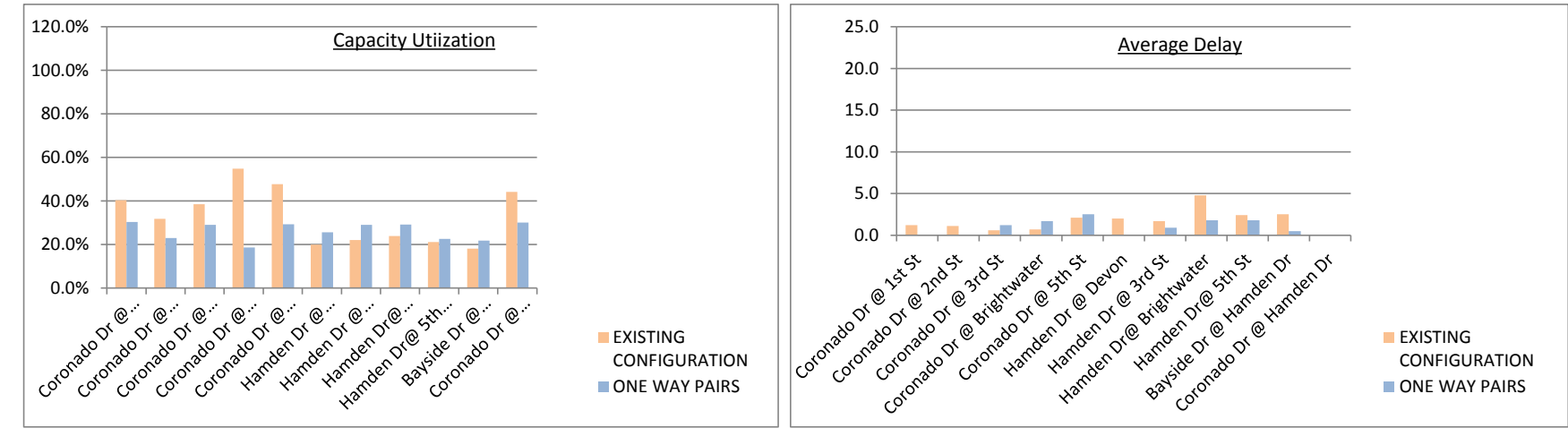| INTERSECTION	EXISTING CONFIGURATION		ONE WAY PAIRS	
	CAPACITY UTILIZATION (v/c)	AVERAGE DELAY (sec/vehicle)	CAPACITY UTILIZATION (v/c)	AVERAGE DELAY (sec/vehicle)
Coronado Dr @ 1st St	70.8%	3.2	54.1%	0.0
Coronado Dr @ 2nd St	55.1%	6.3	26.8%	0.0
Coronado Dr @ 3rd St	67.1%	1.1	51.6%	0.3
Coronado Dr @ Brightwater	95.9%	1.1	27.3%	2.4
Coronado Dr @ 5th St	66.8%	33.8	34.9%	5.4
Hamden Dr @ Devon	14.2%	2.0	40.0%	0.0
Hamden Dr @ 3rd St	25.0%	1.7	51.6%	1.3
Hamden Dr@ Brightwater	29.4%	5.1	44.9%	3.4
Hamden Dr@ 5th St	25.2%	2.4	38.4%	2.7
Bayside Dr @ Hamden Dr	19.6%	2.7	32.2%	0.6
Coronado Dr @ Hamden Dr	71.3%	0.0	50.1%	0.0
OVERALL NETWORK	49.1%	59.4	41.1%	16.1
	Average v/c	Total Av. Delay (sec/vehicle)	Average v/c	Total Av. Delay (sec/vehicle)

Spring break with future hotels full occupancy*

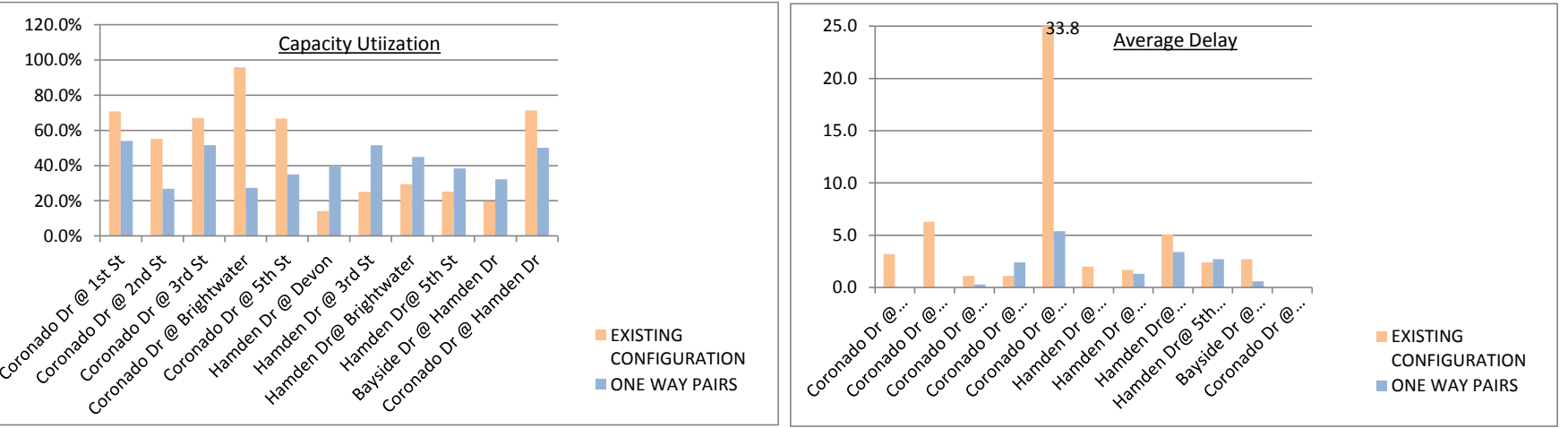| INTERSECTION	EXISTING CONFIGURATION		ONE WAY PAIRS	
	CAPACITY UTILIZATION (v/c)	AVERAGE DELAY (sec/vehicle)	CAPACITY UTILIZATION (v/c)	AVERAGE DELAY (sec/vehicle)
Coronado Dr @ 1st St	88.0%	7.3	70.6%	0.0
Coronado Dr @ 2nd St	65.1%	18.9	25.2%	0.0
Coronado Dr @ 3rd St	84.2%	3.9	65.8%	3.3
Coronado Dr @ Brightwater	88.0%	1.5	36.8%	2.7
Coronado Dr @ 5th St	108.0%	223.0	39.4%	17.2
Hamden Dr @ Devon	21.4%	2.9	50.3%	0.0
Hamden Dr @ 3rd St	22.7%	2.3	65.8%	3.9
Hamden Dr@ Brightwater	28.0%	5.8	53.4%	6.5
Hamden Dr@ 5th St	24.2%	3.9	44.7%	3.4
Bayside Dr @ Hamden Dr	22.2%	3.2	38.4%	0.5
Coronado Dr @ Hamden Dr	82.3%	0.0	60.8%	0.0
OVERALL NETWORK	57.6%	272.7	50.1%	37.5
	Average v/c	Total Av. Delay (sec/vehicle)	Average v/c	Total Av. Delay (sec/vehicle)

* Future Hotel projects:	Additional Rooms:
Marquesas	208
The Views- Wyndham	92
Hampton Inn	181
Gulfview Hotel	34
Captian Bligh	159
Coconut Cove/Bayway Hotel	32
Entrada/Guest House	155
Alanik Hotel	100
Mainstream "A"	100
Mainstream "B"	144
Mainstream "C"	166
Brightwater Blue Resort	30
Spring Hill Suites	118
Wyndham Grand	450
Sea Captain	71
Total additional rooms:	2040

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Spring break simulation existing volumes

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